MICHAEL MILIC

Seeking DevOps, SecOps, and Software Development

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Vancouver, BC

EXPERIENCE

Developer and System Admin

Department of National Defense

2020 - Ongoing Ottawa

Development and maintenance of technology for Gov. of Canada.

- Assembled, configured, and programmed ethernet and serial network for more efficient and organized communication (Python, Networking)
- Deployed log files to Elastic server and visualized using Kibana (ELK, Python, Networking, Docker)
- Communicate with team and participated in code reviews(Gitlab, Python, Git)

Web Developer

Comboosters

Ongoing Vancouver, BC

Startup looking to build web app centered around communities with supporting alumni.

- Designed the sign up page where users can be added, verified, authorized, and payments can be processed (React, Firebase, Stripe, Flask, Python, Javascript, Git, Bitbucket)

Embedded Systems Developer

Advanced Intelligent Systems

01/2019 - 09/2019 Burnaby, BC

Robotics company looking to revolutionize the agricultural industry.

- Responsible for creating wireless Zigbee network to monitor the robot's battery level (wireless networks, Python, ROS, Zigbee)
- Given the responsibility of managing the AIS's entire microcontroller repository (Jira, Confluence, Git, Bitbucket)
- Opportunity to work in a start up work environment, learned to adapt quickly and prioritize

EDUCATION

Electrical And Computer Engineering

University of British Columbia

2017 - 05/2021

- Challenging program with a variety of technical courses centered around existing and emerging technologies. Includes software, firmware, hardware, power electronics, algorithms and data structures, networking, and web development.

SKILLS

Technologies

Docker Flask React Pandas Zigbee ROS Linux Networking ELK Stripe TensorFlow

Programming

C Python Javascript

Software Management

Git Jira Confluence BitBucket

PROJECTS

Rogers Smart City Hack 2020

2020 - 03/2020
https://github.com/Dhruv1754/Rogers_Hackathon_5G

Contributed within a team of 5 people to build a product to reduce traffic incident risk in Kelowna, BC.

- Using LiDar data and keeping in mind benefits of 5G networks, an algorithm was developed to predict traffic light timing based off pedestrian and traffic density (Python, Pandas)

BEAR UBC Engineering

01/2019 - 10/2019 Vancover, BC

Biomedical engineering team looking to develop a bionic hand for disabled persons.

- Developed a machine learning classifier identify objects with sensor data in real time (Python, Pandas, TensorFlow, Arduino)